

PI 547171 to 547174-continued

PI 547173 **origin:** United States. **collected:** September 23, 1989. **collector id:** DIV-2082. **other id:** Ames 13001. **source:** NC-7. **group:** Ames. **locality:** Roadside ditch, open area of woods, along edge of woods, clay soil, 14.8km south of Trimble, Hwy. 1S, Crawford County. **latitude:** 38 deg. 55 min. N. **longitude:** 87 deg. 42 min. W. **remarks:** Seed collected from 150 plants, small isolated population, only population seen in the immediate area. Plants much past flowering, seed set variable. Most plants had dry heads. Most plants were single headed, few were branched (three above). Very typical divaricatus, sessile leaves, opposite, *H. grosseserratus* intermixed in population. Both species appear to be clear species with no introgression. Seed.

PI 547174 **origin:** United States. **collected:** September 23, 1989. **collector id:** DIV-2085. **other id:** Ames 13002. **source:** NC-7. **group:** Ames. **locality:** Population dense along edge of woods and for several meters into woods. Along roadside ditch, on both sides of road. 0.5km east of Beecher City, Hwy. 33W, Effingham County. **latitude:** 39 deg. 11 min. N. **longitude:** 88 deg. 48 min. W. **remarks:** Seed collected from 200 plants. Good seed set, much past flowering, much seed shattered. Typical divaricatus, some plants very tall, large leaves, some plants branched above. Several heads per plant. Rust present on some plants. Specimen collected. Collection #2085. Seed.

PI 547175 to 547184. *Helianthus giganteus* L. ASTERACEAE

Donated by: Seiler, G.J., Agricultural Research Service -- USDA, P.O. Box 5677, Fargo, North Dakota, United States. Received February 12, 1991.

PI 547175 **origin:** United States. **collected:** September 13, 1989. **collector id:** GIG-2013. **other id:** Ames 13003. **source:** NC-7. **group:** Ames. **locality:** Population scattered over 120 m, along roadside ditch, on edge of birch woods, near low swampy area. 9.6km southwest of Minong, Hwy. 77E and County Road K (North), Washburn County. **latitude:** 46 deg. 02 min. N. **longitude:** 91 deg. 55 min. W. **remarks:** Seed collected from 15 plants. Plants much shorter than typical *H. giganteus*, but were in sandy soil. Plants just flowering, flowering in leaf axils with purple stems. Seed set may be early. No disease present. Small scattered population. Specimen collected. Collection #2013. Seed.